

Title (en)

Door hinge for hidden assembly between door frame and door wing

Title (de)

Türband für eine verdeckte Anordnung zwischen Türzarge und Türflügel

Title (fr)

Charnière de porte pour arrangement caché entre battant et cadre de porte

Publication

EP 1754848 B1 20110223 (DE)

Application

EP 06010221 A 20060518

Priority

DE 102005039509 A 20050820

Abstract (en)

[origin: DE102005039509B3] The hinge has two adapter bodies (4, 4'), which are positioned in recesses (17, 17') in a frame and in a door case (2). Two hinge handles are swivelingly connected around a vertical connecting axle (7). The first hinge handle (5) at an end is stored and can turn around a first vertical axis of rotation (18) in one adapter body and at the other end can turn around a second vertical axis of rotation (19) in the other adapter body. The second hinge handle (6) has at both ends a guidance recess (20, 20') so that adapter body is adjustable and moveably stored. The form of the guidance recesses allows the movement of frame.

IPC 8 full level

E05D 3/06 (2006.01); **E05D 5/02** (2006.01); **E05D 7/04** (2006.01)

CPC (source: EP)

E05D 3/186 (2013.01); **E05D 7/04** (2013.01); **E05D 7/0423** (2013.01); **E05D 2007/0469** (2013.01); **E05D 2007/0484** (2013.01); **E05Y 2900/132** (2013.01)

Cited by

WO2022020867A1; AT506828B1; US11421457B2; US2017030120A1; US9822564B2; US9834965B1; GB2580139A; GB2594395B; ITTV20120105A1; AT524068A1; AT524068B1; EP4148217A1; CN114144563A; US2022316248A1; EP3998409A4; US11788331B2; CN114963667A; CN114963665A; DE102021129879B3; EP4180601A1; WO2013179326A1

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EP 1754848 A2 20070221; **EP 1754848 A3 20090128**; **EP 1754848 B1 20110223**; AT E499502 T1 20110315; DE 102005039509 B3 20060622; DE 502006008939 D1 20110407; JP 2007056666 A 20070308; PL 1754848 T3 20110729

DOCDB simple family (application)

EP 06010221 A 20060518; AT 06010221 T 20060518; DE 102005039509 A 20050820; DE 502006008939 T 20060518; JP 2006222552 A 20060817; PL 06010221 T 20060518